

PROCESS OF LIQUEFYING A GASEOUS, METHANE-RICH FEED TO
OBTAIN LIQUEFIED NATURAL GAS

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A B S T R A C T

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A process of liquefying a gaseous, methane-rich feed to a liquefied product is provided that includes adjusting the composition and the amount of refrigerant and controlling the liquefaction process using an advanced process controller based on model predictive control to determine simultaneous control actions for a set of manipulated variables.